

Cloud mask using AVHRR Im AA

And Hilding
AA

IRISland Additions
Helsingør

AVHRR Cloud Mask

AVHRR of channels



μm

all global Solution of regional Solution of km²

all from Clouds from AVHRR CAVR cloud mask

CAVR and a balloon AVHRR data

CAVR optional cloud mask

initial balloons set initial by
satellite unification

balloons used ° latitude grid

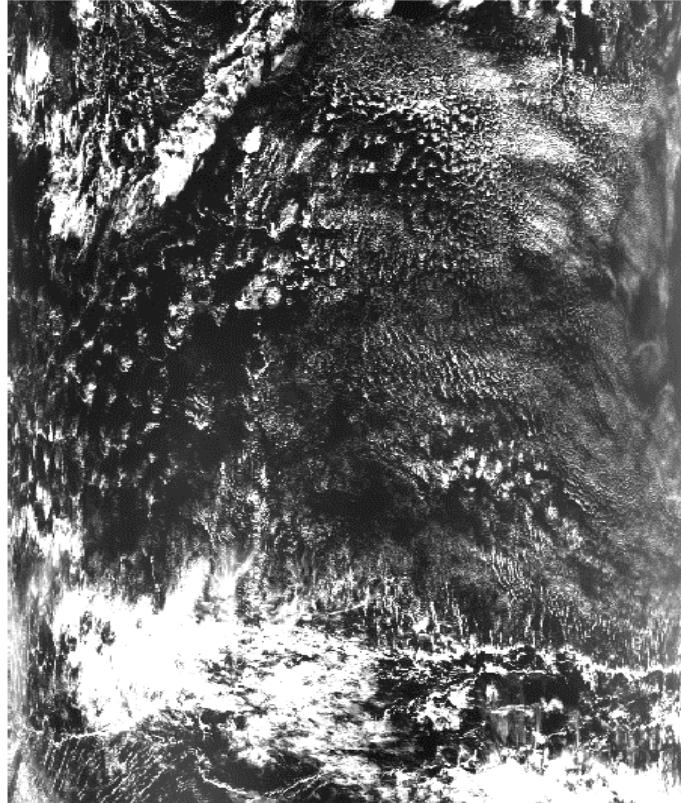
is and is the minimum of CAVR

is used daily and is used in all
bands optional initialization CAVR

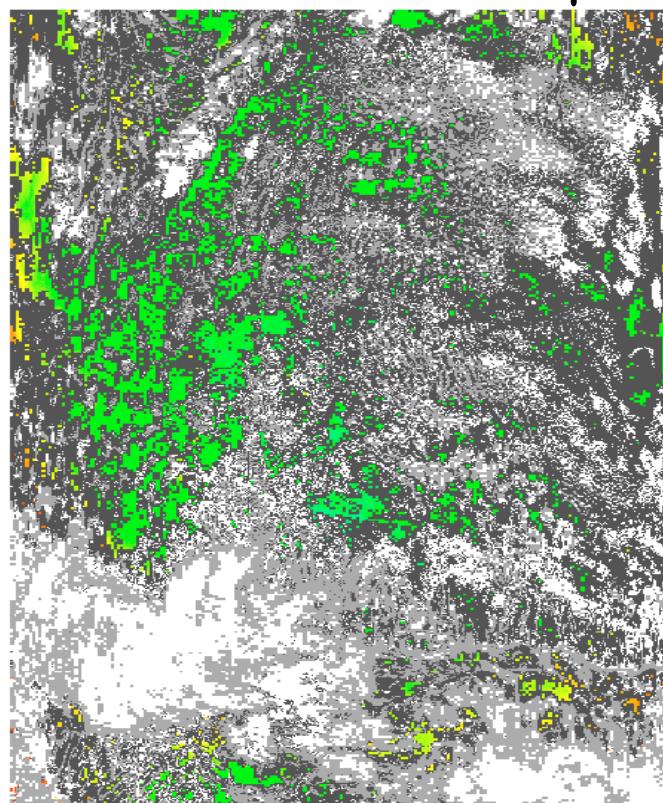
km² Adition o[Cloud mask & small sat
 [budiness [barcode]

Visi[R]n Cloud Mask Cloud

μm



0.0 6.0 12.0 18.0 24.0 30.0
Ch. 1 (0.63 μm) Albedo (%)

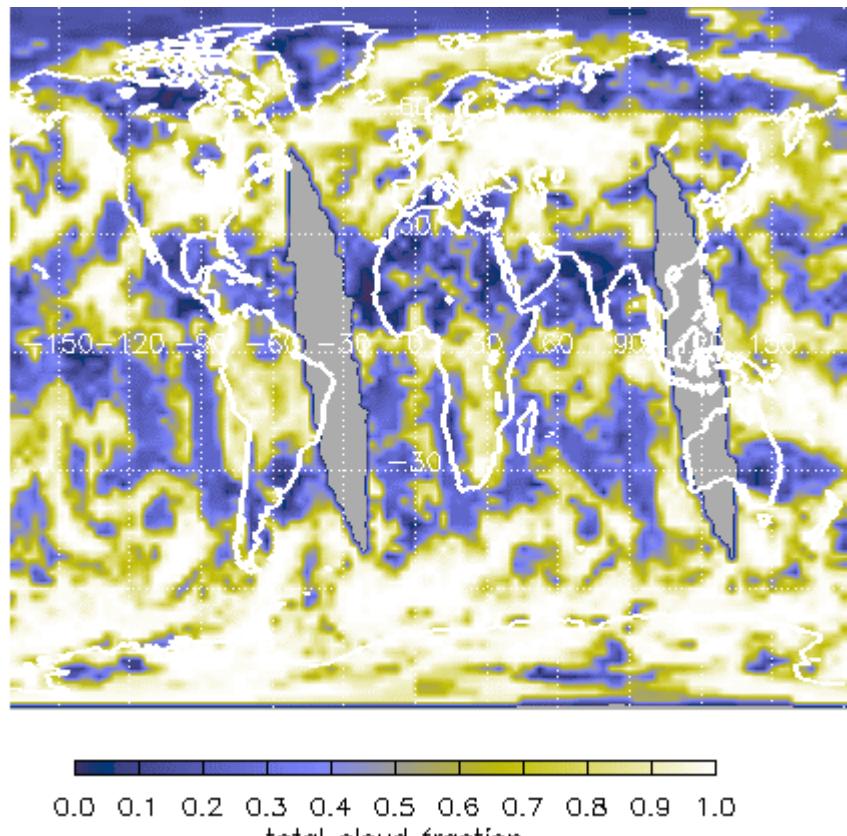


290.0 292.0 294.0 296.0 298.0 300.0
Ch. 4 (10.8 μm) BT (K)

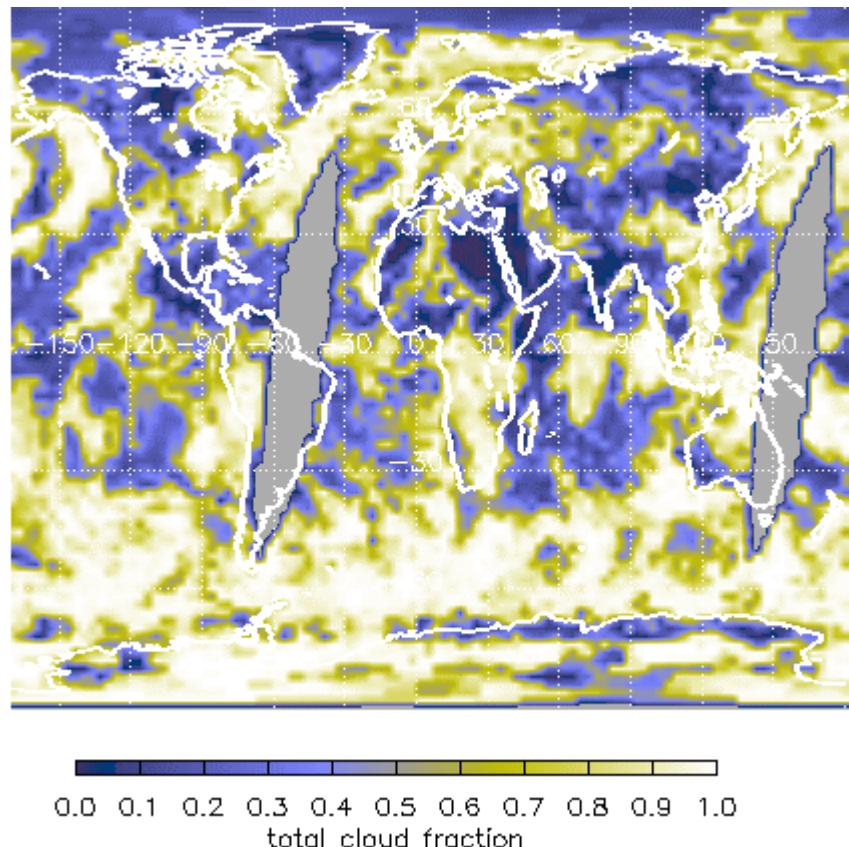
AVHRR Cloud Mask an d[dit]is bugbu[mag]

Bad Cloud Cover

Ashding Pass



Balding Pass



Vigilus also bud

Global Cloud AVHRR data in a grid

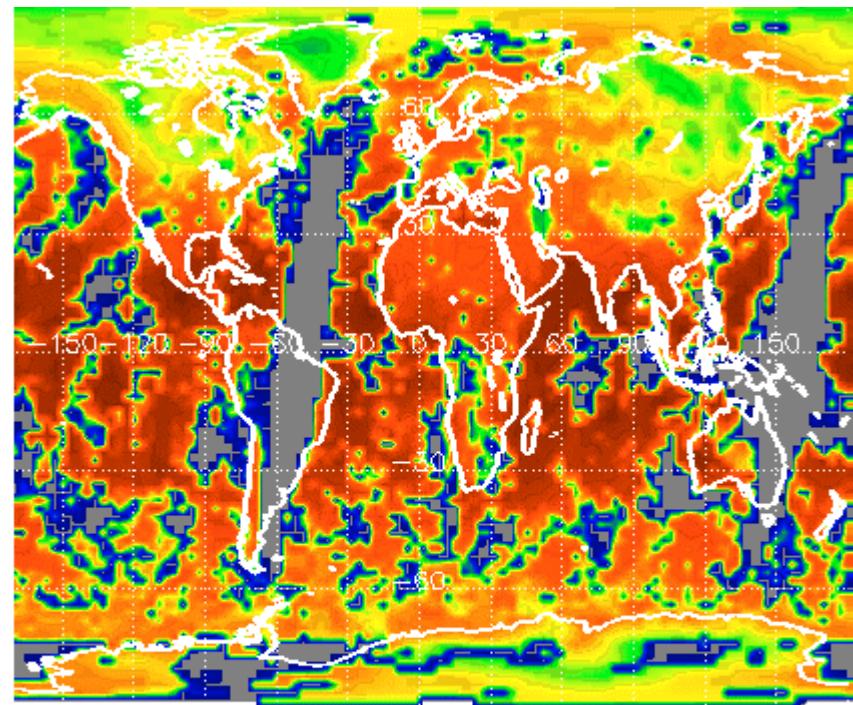
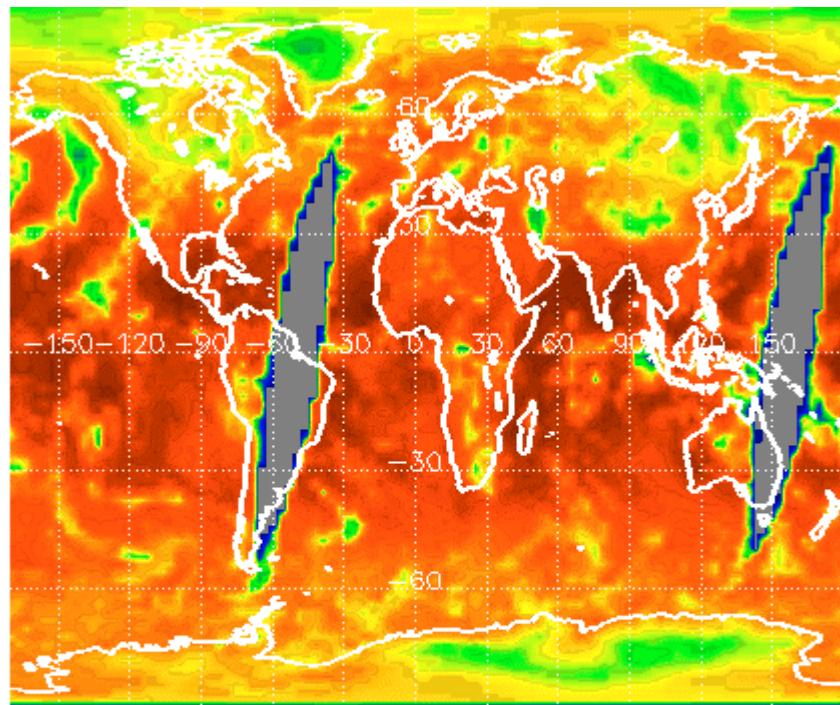
embedding less

° grids

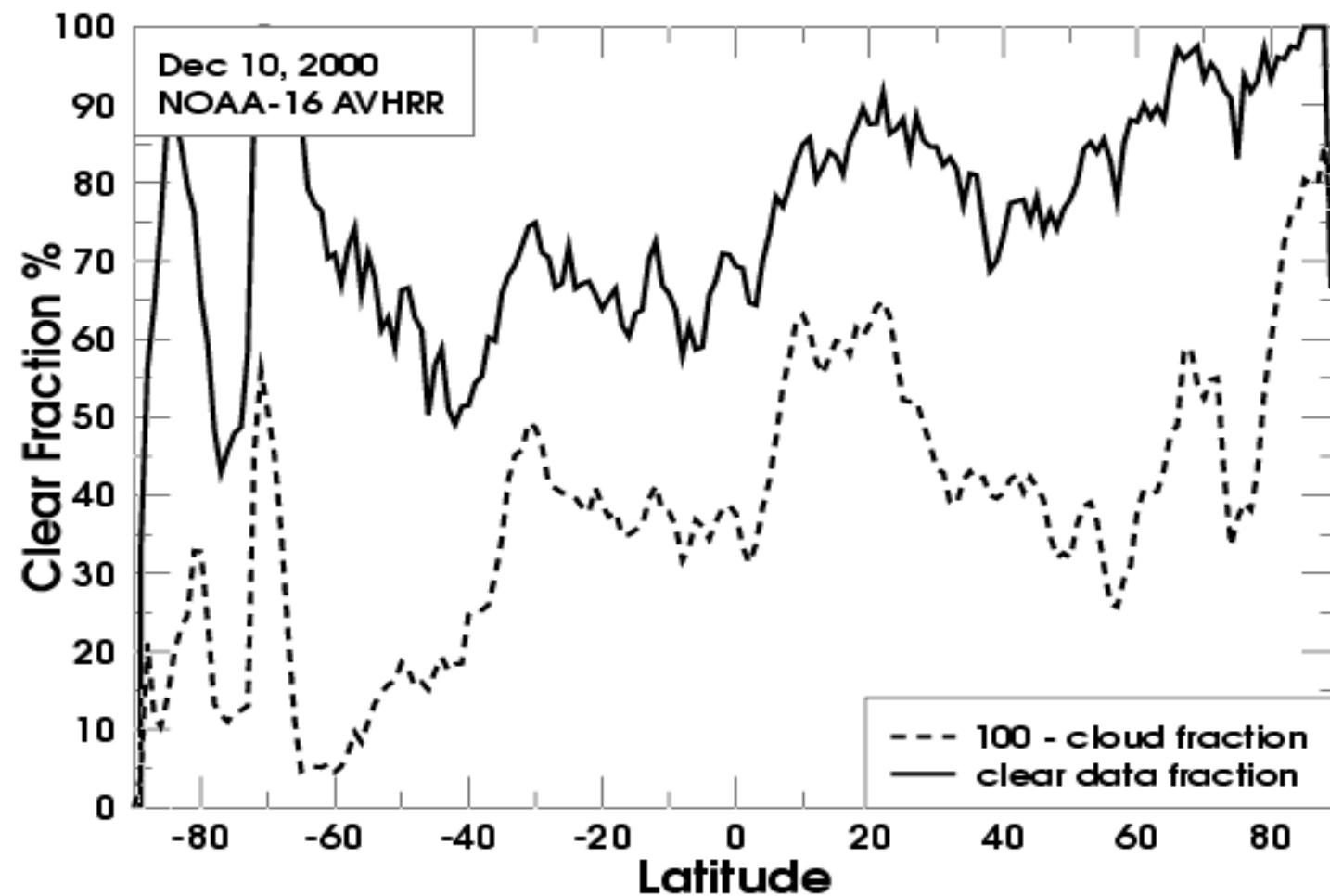
All μm

μm Radian cm^{-2} Cloud km^{-1}

μm Radian cm^{-2}



Global distribution of clear AVHRR data in a band



Cloudy days have less data available

Imma

AVHRR dad II Adila b s hs kku b
b h d m bud d bn

imag AVHRR o dad II adila
b mos b bud g d s i ma k ho h
AR dad

AVHRR sbuld b b d m s land b d s
i in an AR bo h b g d i bn i k l
i i AR l ann s a ik b bud b n d min a
and b d k aid d i AR bud mask

b AVHRR dian s and budin s
in b ha bn II Adila b d b n all du h g
A A